

Abstract of the Disclosure:

Geographically oriented units of a given first hierarchical level of a radio communication system are assigned to

geographically oriented units of at least one higher second

5 hierarchical level by: Setting up functions that specify, as a

function of a number of subscribers of a radio communication

system, a size of a load, that is selected from the group

consisting of a radio load and a switching load, and that is

caused by a geographically oriented unit of a first

10 hierarchical level at a node of the radio communication

system. Setting up a formula which, using the functions,

permits a size of a processing load occurring at each node, in

a case of a given assignment of geographically oriented units

of the first hierarchical level to geographically oriented

15 units of the second hierarchical level, to be calculated for a

given number of the subscribers. Using the formula to select

an assignment that permits a greatest possible growth in a

number of subscribers of the radio communication system

without a processing load at a geographically oriented unit of

20 the second hierarchical level exceeding resources of the

geographically oriented unit of the second hierarchical level.

25 MPW/kc